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AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (currently amended): A mobile communication device having a plurality of communication systems supporting different frequency bands, comprising:

- an antenna;
- a transmitter for each of the plurality of communication systems;
- a receiver for each of the plurality of communication systems;
- a diplexer transmitting transmission signals from the plurality of communication systems to said antenna, and distributing reception signals received via said antenna to the plurality of communication systems;
- a high-frequency switch for each of the plurality of communication systems, arranged to switch the signals between said transmitter and said receiver, said high-frequency switch being directly connected to said diplexer; and
- a directional coupler extracting portions of the transmission signals, and sending the results to an automatic gain control circuit, said directional coupler being disposed between said antenna and said diplexer.

Claim 2 (original): A high-frequency composite unit used in a mobile communication device according to Claim 1, said high-frequency composite unit including a microwave circuit carrying the plurality of communication systems, wherein said high-frequency composite unit is defined by a multilayer substrate including a laminated body including a plurality of dielectric layers, the multilayer substrate having said diplexer, said high-frequency switches, and said directional coupler.

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Claim 3 (original): A high-frequency composite unit according to Claim 2, wherein said diplexer includes an inductance element and a capacitance element, said high-frequency switch includes a switching element, an inductance element, and a capacitance element, and said directional coupler includes a primary line and a secondary line, the multilayer substrate includes the switching element, the inductance element, the capacitance element, the primary line, and the secondary line, and the multilayer substrate includes a connector connecting the switching element, the inductance element, the capacitance element, the primary line, and the secondary line.

Claim 4 (original): A mobile communication device according to Claim 1, further comprising high-frequency filters, said high-frequency filters being arranged subsequent to said high-frequency switches and being connected to said receivers.

Claim 5 (original): A high-frequency composite unit used in a mobile communication device according to Claim 4, said high-frequency composite unit including a microwave circuit carrying the plurality of communication systems, wherein said high-frequency composite unit includes a multilayer substrate having a laminated body defined by a plurality of dielectric layers, the multilayer substrate having said diplexer, said high-frequency switches, and said directional coupler.

Claim 6 (original): A high-frequency composite unit according to Claim 5, wherein said diplexer includes an inductance element and a capacitance element, said high-frequency switch includes a switching element, an inductance element, and a capacitance element, and said directional coupler includes a primary line and a secondary line, the multilayer substrate includes the switching element, the inductance element, the capacitance element, the primary line, and the secondary line, and the multilayer substrate further includes a connector connecting the switching element, the inductance element, the capacitance element, the primary line, and the secondary line.

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Claim 7 (original): A mobile communication device according to Claim 1, wherein said plurality of communication systems include DCS and GSM systems.

Claim 8 (original): A mobile communication device according to claim 1, wherein a notch filter is provided between said transmitters and said high-frequency switches.

Claim 9 (original): A mobile communication device according to Claim 1, wherein said directional coupler includes a port.

Claim 10 (original): A mobile communication device according to Claim 1, wherein said diplexer includes inductance elements and capacitors.

Claim 11 (currently amended): A dual-band cellular phone device having two communication systems supporting different frequency bands, comprising:

an antenna;

a transmitter for each of the two communication systems;

a receiver for each of the two communication systems;

a diplexer transmitting transmission signals from the two communication systems to said antenna, and distributing reception signals received via said antenna to the two communication systems;

a high-frequency switch for each of the two communication systems, arranged to switch the signals between said transmitter and said receiver, said high-frequency switch being directly connected to said diplexer; and

a directional coupler extracting portions of the transmission signals, and sending the results to an automatic gain control circuit, said directional coupler being disposed between said antenna and said diplexer.

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Claim 12 (original): A high-frequency composite unit used in a dual-band cellular phone device according to Claim 11, said high-frequency composite unit including a microwave circuit carrying the two communication systems, wherein said high-frequency composite unit is defined by a multilayer substrate including a laminated body having a plurality of dielectric layers, the multilayer substrate having said diplexer, said high-frequency switches, and said directional coupler.

Claim 13 (original): A high-frequency composite unit according to Claim 12, wherein said diplexer includes an inductance element and a capacitance element, said high-frequency switch includes a switching element, an inductance element, and a capacitance element, and said directional coupler includes a primary line and a secondary line, the multilayer substrate includes the switching element, the inductance element, the capacitance element, the primary line, and the secondary line, and the multilayer substrate further includes a connector connecting the switching element, the inductance element, the capacitance element, the primary line, and the secondary line.

Claim 14 (original): A dual-band cellular phone device according to Claim 11, further comprising high-frequency filters, said high-frequency filters being arranged subsequent to said high-frequency switches and being connected to said receivers.

Claim 15 (original): A high-frequency composite unit used in a dual-band cellular phone device according to Claim 14, said high-frequency composite unit including a microwave circuit carrying the two communication systems, wherein said high-frequency composite unit includes a multilayer substrate having a laminated body defined by a plurality of dielectric layers, the multilayer substrate having said diplexer, said high-frequency switches, and said directional coupler.

Claim 16 (original): A high-frequency composite unit according to Claim 15,

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wherein said diplexer includes an inductance element and a capacitance element, said high-frequency switch includes a switching element, an inductance element, and a capacitance element, and said directional coupler includes a primary line and a secondary line, the multilayer substrate includes the switching element, the inductance element, the capacitance element, the primary line, and the secondary line, and the multilayer substrate further includes a connector connecting the switching element, the inductance element, the capacitance element, the primary line, and the secondary line.

Claim 17 (original): A dual-band cellular phone device according to Claim 11, wherein said two communication systems include DCS and GSM systems.

Claim 18 (original): A dual-band cellular phone device according to claim 11, wherein a notch filter is provided between said transmitters and said high-frequency switches.

Claim 19 (original): A dual-band cellular phone device according to Claim 11, wherein said directional coupler includes a port.

Claim 20 (original): A dual-band cellular phone device according to Claim 11, wherein said diplexer includes inductance elements and capacitors.